

WHAT IS CLAIMED IS:

- SUB
A07
1. An in-plane switching liquid crystal display device, comprising:
a substrate having a display region and a non-display region;
a plurality of pixels in the display region;
a plurality of first and second electrodes on the substrate;
a plurality of electrostatic discharge devices in the non-display region, wherein each electrostatic discharge device is at a distance of more than one pixel pitch; and
a plurality of first connecting lines in the non-display region, each connecting line connecting each pixel to each electrostatic discharge device.
2. The device of claim 1, further comprising a plurality of switching devices on the substrate.
3. The device of claim 2, wherein each switching device is disposed in each pixel.
4. The device of claim 2, wherein the switching device includes a thin film transistor.
5. The device of claim 1, further comprising first and second lines on the substrate.
6. The device of claim 5, wherein the first and second lines apply signals to each switching device.
7. The device of claim 6, wherein the first line includes a gate line.
8. The device of claim 6, wherein the second line includes a data line.
9. The device of claim 1, wherein the first electrodes include a pixel electrode.

- SUB
A2
10. The device of claim 1, wherein the second electrodes includes a common electrode.
11. The device of claim 1, wherein one pixel pitch is between about 1 mm to about 1.5 mm.
12. The device of claim 1, further comprising a plurality of pads in the non-display region.
13. The device of claim 12, wherein each pad is between about 1 to about 2.5 millimeters from each electrostatic discharge device.
14. The device of claim 12, further comprising a plurality of second connecting lines in the non-display region.
15. The device of claim 14, wherein each second connecting line connects each electrostatic discharge device to each pad.
16. The device of claim 1, wherein a voltage of the first connecting lines is different from a voltage of the electrostatic discharge devices.
17. The device of claim 1, wherein each first connecting line receives signal voltage of inverted phase.
18. The device of claim 1, further comprising an auxiliary line in the non-display region.
19. The device of claim 18, wherein the auxiliary line connects each of the electrostatic discharge devices.
20. The device of claim 18, wherein the auxiliary line receives a signal applied to the second electrode.